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RAW SEQUENCE LISTING

DATE: 11/21/2001

PATENT APPLICATION: US/09/813,271

TIME: 12:21:05

Input Set : N:\Crf3\RULE60\09813271.txt

Output Set: N:\CRF3\11212001\I813271.raw

SEQUENCE LISTING

3 (1) GENERAL INFORMATION:

5 (i) APPLICANT: Arvinte, Tudor.

7 (ii) TITLE OF INVENTION: Pharmaceutical Compositions

9 (iii) NUMBER OF SEQUENCES: 5

11 (iv) CORRESPONDENCE ADDRESS:

12 (A) ADDRESSEE: NOVARTIS Corporation

13 (B) STREET: 564 Morris Avenue

14 (C) CITY: Summit

15 (D) STATE: New Jersey

16 (E) COUNTRY: USA

17 (F) ZIP: 07901-1027

19 (v) COMPUTER READABLE FORM:

20 (A) MEDIUM TYPE: Floppy disk

21 (B) COMPUTER: IBM PC compatible

22 (C) OPERATING SYSTEM: PC-DOS/MS-DOS

23 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25

25 (vi) CURRENT APPLICATION DATA:

C--> 26 (A) APPLICATION NUMBER: US/09/813,271

C--> 27 (B) FILING DATE: 20-Mar-2001

28 (C) CLASSIFICATION:

34 (vii) PRIOR APPLICATION DATA:

31 (A) APPLICATION NUMBER: 09/303,970

32 (B) FILING DATE:

35 (A) APPLICATION NUMBER: GB 9401447.9

36 (B) FILING DATE: 26-JAN-1994

38 (viii) ATTORNEY/AGENT INFORMATION:

39 (A) NAME: Pfeiffer, Hesna J.

40 (B) REGISTRATION NUMBER: 22,640

41 (C) REFERENCE/DOCKET NUMBER: 4-18518/A/MA

43 (ix) TELECOMMUNICATION INFORMATION:

44 (A) TELEPHONE: (908)522 6940

45 (B) TELEFAX: (908)522 6955

54 (2) INFORMATION FOR SEQ ID NO: 1:

55 (i) SEQUENCE CHARACTERISTICS:

57 (A) LENGTH: 65 amino acids

58 (B) TYPE: amino acid

59 (C) STRANDEDNESS: single

60 (D) TOPOLOGY: linear

62 (ii) MOLECULE TYPE: protein

64 (iii) HYPOTHETICAL: no

66 (iv) ANTI-SENSE: no

68 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

70 Val	Val	Tyr	Thr	Asp	Cys	Thr	Glu	Ser	Gly	Gln	Asn	Leu	Cys	Leu	Cys
71 1					5					10				15	
W--> 73 Glu	Gly	Ser	Asn	Val	Cys	Gly	Gln	Gly	Asn	Xaa	Cys	Ile	Leu	Gly	Ser
74				20					25				30		

ENTERED

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W--> 76 Asp Gly Glu Xaa Asn Gln Cys Val Thr Gly Glu Gly Thr Pro Xaa Pro
      77          35          40          45
W--> 79 Gln Ser Xaa Asn Asp Gly Asp Phe Glu Glu Ile Pro Glu Xaa Xaa Xaa Xaa
      80          50          55          60          65
83 (2) INFORMATION FOR SEQ ID NO: 2:
85 (i) SEQUENCE CHARACTERISTICS:
87 (A) LENGTH: 65 amino acids
88 (B) TYPE: amino acid
89 (C) STRANDEDNESS: single
90 (D) TOPOLOGY: linear
92 (ii) MOLECULE TYPE: protein
93 (iii) HYPOTHETICAL: no
94 (iv) ANTI-SENSE: no
96 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
98 Leu Thr Tyr Thr Asp Cys Thr Glu Ser Gly Gln Asn Leu Cys Leu Cys
99 1          5          10          15
101 Glu Gly Ser Asn Val Cys Gly Gln Gly Asn Lys Cys Ile Leu Gly Ser
102          20          25          30
104 Asp Gly Glu Lys Asn Gln Cys Val Thr Gly Glu Gly Thr Pro Lys Pro
105          35          40          45
107 Gln Ser His Asn Asp Gly Asp Phe Glu Glu Ile Pro Glu Glu Tyr Leu
108          50          55          60
110 Gln
111 65
113 (2) INFORMATION FOR SEQ ID NO: 3:
115 (i) SEQUENCE CHARACTERISTICS:
117 (A) LENGTH: 65 amino acids
118 (B) TYPE: amino acid
119 (C) STRANDEDNESS: single
120 (D) TOPOLOGY: linear
122 (ii) MOLECULE TYPE: protein
123 (iii) HYPOTHETICAL: no
124 (iv) ANTI-SENSE: no
126 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
128 Ile Thr Tyr Thr Asp Cys Thr Glu Ser Gly Gln Asn Leu Cys Leu Cys
129 1          5          10          15
131 Glu Gly Ser Asn Val Cys Gly Lys Gly Asn Lys Cys Ile Leu Gly Ser
132          20          25          30
W--> 134 Asn Gly Lys Gly Asn Gln Cys Val Thr Gly Glu Gly Thr Pro Xaa Pro
      135          35          40          45
W--> 137 Glu Ser His Asn Asn Gly Asp Phe Glu Glu Ile Pro Glu Glu Xaa Leu
      138          50          55          60
140 Gln
141 65
144 (2) INFORMATION FOR SEQ ID NO: 4:
146 (i) SEQUENCE CHARACTERISTICS:
148 (A) LENGTH: 65 amino acids
149 (B) TYPE: amino acid
150 (C) STRANDEDNESS: single

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151         (D) TOPOLOGY: linear
153     (ii) MOLECULE TYPE: protein
154     (iii) HYPOTHETICAL: no
155     (iv) ANTI-SENSE: no
157     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
159 Val Val Tyr Thr Asp Cys Thr Glu Ser Gly Gln Asn Leu Cys Leu Cys
160 1          5          10          15
162 Glu Gly Ser Asn Val Cys Gly Lys Gly Asn Lys Cys Ile Leu Gly Ser
163          20          25          30
165 Asn Gly Lys Gly Asn Gln Cys Val Thr Gly Glu Gly Thr Pro Asn Pro
166          35          40          45
168 Glu Ser His Asn Asn Gly Asp Phe Glu Glu Ile Pro Glu Glu Tyr Leu
169          50          55          60
172 Gln
173 65
176 (2) INFORMATION FOR SEQ ID NO: 5:
178     (i) SEQUENCE CHARACTERISTICS:
180         (A) LENGTH: 66 amino acids
181         (B) TYPE: amino acid
182         (C) STRANDEDNESS: single
183         (D) TOPOLOGY: linear
185     (ii) MOLECULE TYPE: protein
186     (iii) HYPOTHETICAL: no
187     (iv) ANTI-SENSE: no
190     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
193 Ile Thr Tyr Thr Asp Cys Thr Glu Ser Gly Gln Asn Leu Cys Leu Cys
194 1          5          10          15
196 Glu Gly Ser Asn Val Cys Gly Lys Gly Asn Lys Cys Ile Leu Gly Ser
197          20          25          30
199 Gln Gly Lys Asp Asn Gln Cys Val Thr Gly Glu Gly Thr Pro Lys Pro
200          35          40          45
202 Gln Ser His Asn Gln Gly Asp Phe Glu Pro Ile Pro Glu Asp Ala Tyr
203          50          55          60
205 Asp Glu
206 65

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/813,271

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TIME: 12:21:06

Input Set : N:\Crf3\RULE60\09813271.txt

Output Set: N:\CRF3\11212001\I813271.raw

L:26 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:27 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:73 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:76 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:79 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:134 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:137 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3